

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query                                                                                                                                                                      | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------|------------------|
| L2    | 1     | (US-20030053454-\$).did.                                                                                                                                                          | US-PGPUB        | OR               | OFF     | 2009/12/13 15:29 |
| L3    | 0     | 2 and (check\$3 verif\$7 valid \$5) with CRC                                                                                                                                      | US-PGPUB; USPAT | OR               | OFF     | 2009/12/13 15:29 |
| L4    | 0     | 2 and (check\$3 verif\$7 valid \$5) with CRC                                                                                                                                      | US-PGPUB; USPAT | OR               | ON      | 2009/12/13 15:29 |
| S1    | 3     | ((("20020133780") or ("6445717") or ("5608738"))).PN.                                                                                                                             | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 09:02 |
| S2    | 16109 | schmidt.in.                                                                                                                                                                       | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 08:07 |
| S3    | 39    | schmidt-joa\$.in.                                                                                                                                                                 | US-PGPUB; USPAT | OR               | OFF     | 2008/01/09 11:02 |
| S4    | 39    | schmidt-joac\$.in.                                                                                                                                                                | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 08:08 |
| S5    | 32    | ("5608738").URPN.                                                                                                                                                                 | USPAT           | OR               | OFF     | 2007/04/27 09:01 |
| S6    | 3     | ((("20020133780") or ("6445717") or ("5608738"))).PN.                                                                                                                             | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 09:02 |
| S7    | 0     | S6 and super\$set                                                                                                                                                                 | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 09:16 |
| S8    | 52    | (secur\$3 encrypt\$3 authenticat \$3 authori\$6) near (packet frame data\$gram) same (error near correct\$3) with (packet frame data\$gram)                                       | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 09:17 |
| S9    | 40    | (secur\$3 encrypt\$3 authenticat \$3 authori\$6) near (packet frame data\$gram) same (error near correct\$3) with (packet frame data\$gram) and (@ad<"20030417" @prad<"20030417") | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 09:22 |
| S10   | 0     | (separat\$3 detach\$3) with (secur\$3 encrypt\$3 authenticat \$3 authori\$6) near (packet frame data\$gram) with (error near correct\$3) and (@ad<"20030417" @prad<"20030417")    | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 09:22 |

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|-----|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|-----|------------------|
| S11 | 0    | {(separat\$3 detach\$3) with (secur\$3 encrypt\$3 authenticat\$3 authori\$6) with (packet frame data\$gram) with (error near correct\$3) and (@ad<"20030417"@prad<"20030417")              | US-PGPUB; USPAT | OR | OFF | 2007/04/27 09:22 |
| S12 | 1462 | {(separat\$3 detach\$3) with (data packet frame data \$gram) with (error near correct\$3) and (@ad<"20030417"@prad<"20030417")                                                             | US-PGPUB; USPAT | OR | OFF | 2007/04/27 09:23 |
| S13 | 207  | {(separat\$3 detach\$3) with data with (error near correct \$3) with (packet frame data \$gram) and (@ad<"20030417"@prad<"20030417")                                                       | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:24 |
| S14 | 0    | {(separat\$3 detach\$3) with (securi\$3 authenticat\$3 authori\$6 encrypt\$3) near data with (error near correct \$3) with (packet frame data \$gram) and (@ad<"20030417"@prad<"20030417") | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:24 |
| S15 | 0    | {(separat\$3 detach\$3) with (securi\$3 authenticat\$3 authori\$6 encrypt\$3) with data with (error near correct \$3) with (packet frame data \$gram) and (@ad<"20030417"@prad<"20030417") | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:24 |
| S16 | 2    | {(separat\$3 detach\$3) with (protect\$3) with data with (error near correct\$3) with (packet frame data\$gram) and (@ad<"20030417"@prad<"20030417")                                       | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:26 |
| S17 | 24   | {(separat\$3 detach\$3) with (error near correct\$3) near (packet frame data\$gram) and (@ad<"20030417"@prad<"20030417")                                                                   | US-PGPUB; USPAT | OR | ON  | 2007/04/27 09:27 |
| S18 | 0    | ("2002/0159454").URPN.                                                                                                                                                                     | USPAT           | OR | OFF | 2007/04/27 09:34 |
| S19 | 4    | ((("6516435") or ("6556588") or ("6496520") or ("6480976"))).PN.                                                                                                                           | USPAT           | OR | OFF | 2007/04/27 09:35 |
| S20 | 2    | ("6516435").URPN.                                                                                                                                                                          | USPAT           | OR | OFF | 2007/04/27 09:39 |

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|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|-----|---------------------|
| S21 | 2   | ("6556588").URPN.                                                                                                                                      | USPAT                     | OR | OFF | 2007/04/27<br>09:40 |
| S22 | 4   | (US-20020159454-\$).did. or<br>(US-5608738-\$ or US-<br>6516435-\$ or US-6556588-\$).<br>did.                                                          | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>10:39 |
| S23 | 1   | S22 and check\$sum                                                                                                                                     | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>13:09 |
| S24 | 4   | (US-20020159454-\$).did. or<br>(US-5608738-\$ or US-<br>6516435-\$ or US-6556588-\$).<br>did.                                                          | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>13:09 |
| S25 | 0   | S24 and ether\$net                                                                                                                                     | US-PGPUB;<br>USPAT        | OR | OFF | 2007/04/27<br>13:09 |
| S26 | 1   | "5608738".pn. and (no free)<br>near error                                                                                                              | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:30 |
| S27 | 1   | "5608738".pn. and frame                                                                                                                                | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S28 | 338 | 713/160.cds.                                                                                                                                           | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S29 | 430 | 713/151.cds.                                                                                                                                           | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S30 | 22  | S28 and S29                                                                                                                                            | US-PGPUB;<br>USPAT        | OR | ON  | 2007/04/27<br>14:58 |
| S31 | 2   | ("6289054" "6421387").pn.                                                                                                                              | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>11:04 |
| S32 | 1   | "6996712".pn.                                                                                                                                          | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>11:04 |
| S33 | 2   | ("6996712").URPN.                                                                                                                                      | USPAT                     | OR | OFF | 2008/01/09<br>11:31 |
| S34 | 11  | ("4924513"   "5081678"  <br>"5266942"   "5349642"  <br>"5440633"   "5625693"  <br>"5850449"   "5946467"  <br>"5948119"   "6327660"  <br>"RE36752").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/01/09<br>11:33 |
| S35 | 23  | (redundan\$3 duplicat\$3) with<br>(secur\$3 authenticat\$3 authori<br>\$6) near (packet data\$gram)                                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:38 |
| S36 | 9   | (transfer\$4 transmit\$4 send<br>\$3) with (CRC checksum) with<br>(redundan\$3 duplicat\$3<br>separate\$2) near (packet data<br>\$gram)                | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:42 |
| S37 | 522 | (chaff dummy) adj (packet<br>data\$gram)                                                                                                               | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:42 |
| S38 | 0   | (chaff dummy) adj (packet<br>data\$gram) with security near<br>(data information)                                                                      | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |

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| S39 | 0  | (chaff dummy) adj (packet data\$gram) same security near (data information)                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |
| S40 | 80 | (chaff dummy) adj (packet data\$gram) and (security integrity authenticat\$3 authori\$6 verif\$7 valid\$5) near (data information)                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |
| S41 | 10 | (chaff dummy) adj (packet data\$gram) same (security integrity authenticat\$3 authori\$6 verif\$7 valid\$5) near (data information)                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2008/01/09<br>11:43 |
| S42 | 3  | ("6516435").URPN.                                                                                                                                                                                                                                                                                                                                           | USPAT                     | OR | OFF | 2008/01/09<br>11:46 |
| S43 | 8  | ("4191970"   "4455655"   "5313624"   "5581566"   "5598422"   "5898708"   "6021433"   "6128528").PN.                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/01/09<br>11:47 |
| S44 | 28 | ("20010041981"   "20010056560"   "5640415"   "5664091"   "5701312"   "5754787"   "5881069"   "5896402"   "5903581"   "5914956"   "5954839"   "6081907"   "6169728"   "6170075"   "6366959"   "6434606"   "6466574"   "6467041"   "6487603"   "6496520"   "6516435"   "6530055"   "6539205"   "6560650"   "6574668"   "6587985"   "6665726"   "6700893").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/01/09<br>11:47 |
| S47 | 0  | "6996712".pn. and fragment \$5                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT        | OR | ON  | 2008/01/09<br>15:17 |
| S48 | 1  | "20020073047".pn.                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>17:25 |
| S49 | 1  | "7095850".pn.                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>17:33 |
| S50 | 1  | "5909540".pn.                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/09<br>17:33 |
| S51 | 10 | mangosoft.as.                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/10<br>09:02 |
| S52 | 1  | "20020066033".pn.                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/10<br>09:30 |
| S53 | 2  | ("6757826" "6057862").pn.                                                                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT        | OR | OFF | 2008/01/10<br>11:09 |

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|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----|-----|------------------|
| S54 | 30   | (transmit\$5 transfer\$4) with (CRC check\$1sum check adjacent cyclic\$4 near redundancy near check) with (separate different other) near (packet datagram frame)                                                                                                           | US-PGPUB; USPAT        | OR | ON  | 2008/08/19 14:09 |
| S55 | 1    | "20030005386".pn.                                                                                                                                                                                                                                                           | US-PGPUB; USPAT        | OR | ON  | 2008/08/19 14:10 |
| S56 | 0    | ("2003/0005386").URPN.                                                                                                                                                                                                                                                      | USPAT                  | OR | OFF | 2008/08/19 14:23 |
| S57 | 1    | "6745364".pn.                                                                                                                                                                                                                                                               | US-PGPUB; USPAT        | OR | ON  | 2008/08/19 14:25 |
| S58 | 1    | ("6745364").URPN.                                                                                                                                                                                                                                                           | USPAT                  | OR | OFF | 2008/08/19 14:25 |
| S59 | 11   | ("5768527"   "6141788"   "6167060"   "6421387"   "6434191"   "6445717"   "6473875"   "6487690"   "6490705"   "6532562"   "6556588").PN.                                                                                                                                     | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 14:31 |
| S60 | 23   | (transmit\$5 transfer\$4) with (FEC forward near error near correct\$3) with (separate different other) near (packet datagram frame)                                                                                                                                        | US-PGPUB; USPAT        | OR | ON  | 2008/08/19 14:53 |
| S61 | 21   | ("20020031126"   "20030026243"   "20030179752"   "5404394"   "5426643"   "5600663"   "5724414"   "5870412"   "5963621"   "6141788"   "6157642"   "6243846"   "6272633"   "6289054"   "6445717"   "6477669"   "6490705"   "6675340"   "6771674"   "6839330"   "7017102").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 15:03 |
| S62 | 1    | (US-20030053454-\$).did.                                                                                                                                                                                                                                                    | US-PGPUB               | OR | OFF | 2008/08/19 16:01 |
| S63 | 0    | S62 and (check\$1sum CRC)                                                                                                                                                                                                                                                   | US-PGPUB; USPAT        | OR | OFF | 2008/08/19 16:01 |
| S64 | 1188 | (FEC forward near error near correct\$3) with (check\$1sum CRC)                                                                                                                                                                                                             | US-PGPUB; USPAT        | OR | OFF | 2008/08/19 16:03 |
| S65 | 675  | (forward near error near correct\$3) with (check\$1sum CRC)                                                                                                                                                                                                                 | US-PGPUB; USPAT        | OR | OFF | 2008/08/19 16:04 |
| S66 | 674  | (forward adj error adj correct\$3) with (check\$1sum CRC)                                                                                                                                                                                                                   | US-PGPUB; USPAT        | OR | OFF | 2008/08/19 16:04 |
| S67 | 0    | S62 and frame near packet                                                                                                                                                                                                                                                   | US-PGPUB; USPAT        | OR | OFF | 2008/08/19 16:06 |

|     |     |                                                                                                                                       |                                     |    |     |                     |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----|-----|---------------------|
| S68 | 1   | S62 and frame near packet                                                                                                             | US-PGPUB;<br>USPAT                  | OR | ON  | 2008/08/19<br>16:06 |
| S69 | 1   | (US-20030053454-\$).did.                                                                                                              | US-PGPUB                            | OR | OFF | 2008/08/19<br>16:44 |
| S70 | 1   | S69 and decod\$3                                                                                                                      | US-PGPUB;<br>USPAT                  | OR | ON  | 2008/08/19<br>16:44 |
| S71 | 0   | ("2003/0053454").URPN.                                                                                                                | USPAT                               | OR | OFF | 2009/05/04<br>14:36 |
| S72 | 42  | (forward near error near<br>correction) and "700".clas.                                                                               | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>14:42 |
| S73 | 117 | (forward near error near<br>correction) same (control near<br>system)                                                                 | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>14:48 |
| S74 | 53  | (forward near error near<br>correction) with (control near<br>system)                                                                 | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>14:49 |
| S75 | 31  | (forward near error near<br>correction) with (control near<br>system) and<br>(@ad<"20030417"<br>@prad<"20030417"<br>@rlad<"20030417") | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>14:49 |
| S76 | 14  | (forward near error near<br>correction) with (manufactur<br>\$3)                                                                      | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>15:04 |
| S77 | 267 | 714/751.ccls.                                                                                                                         | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>15:07 |
| S78 | 218 | 714/751.ccls. and<br>(@ad<"20030417"<br>@prad<"20030417"<br>@rlad<"20030417")                                                         | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>15:07 |
| S79 | 0   | (forward near error near<br>correction) same interbus                                                                                 | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>15:13 |
| S80 | 0   | (forward near error near<br>correction FEC) same interbus                                                                             | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>15:13 |
| S81 | 0   | (forward near error near<br>correction FEC) and interbus                                                                              | US-PGPUB;<br>USPAT                  | OR | ON  | 2009/05/04<br>15:13 |
| S82 | 0   | (forward near error near<br>correction FEC) and interbus                                                                              | US-PGPUB;<br>USPAT; EPO             | OR | ON  | 2009/05/04<br>15:13 |
| S83 | 0   | (forward near error near<br>correction FEC) and interbus                                                                              | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON  | 2009/05/04<br>15:13 |
| S84 | 385 | interbus                                                                                                                              | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | ON  | 2009/05/04<br>15:17 |

**EAST Search History (Interference)**

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**12/ 13/ 09 3:33:53 PM**

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